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Patent Abstracts of Japan

CJS

PUBLICATION NUMBER : 06184480  
PUBLICATION DATE : 05-07-94

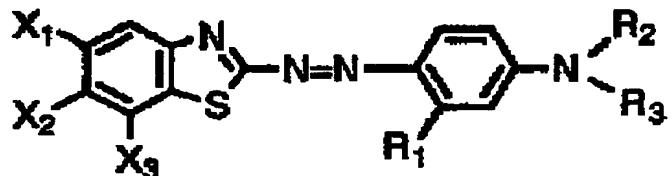
APPLICATION DATE : 16-12-92  
APPLICATION NUMBER : 04353921

APPLICANT : NIPPON KAYAKU CO LTD;

INVENTOR : KUBO MOTOSADA;

INT.CL. : C09D 11/00 C09B 67/46 D06P 5/00

TITLE : INK COMPOSITION FOR INK JET  
PRINT



ABSTRACT : PURPOSE: To obtain the subject composition containing a disperse dye consisting of a specific benzothiazole-based azo compound, a hydrophilic organic solvent and a surfactant, stable in long-term dispersibility, excellent in printability to hydrophobic fibers and capable of providing a bright red printed material.

CONSTITUTION: At least one kind of disperse dye expressed by the formula (X<sub>1</sub> and X<sub>3</sub> are H or Cl with proviso that X<sub>1</sub> and X<sub>3</sub> are simultaneously not Cl; X<sub>2</sub> is Cl; R<sub>1</sub> is H, Cl, 1-4C alkyl or 1-2C acylamino; R<sub>2</sub> and R<sub>3</sub> are 1-4C alkyl, 1-4C alkoxy, 1-4C carbonylalkyl, 1-4C alkoxy carbonyloxy-1-4C alkyl, 1-4C alkyl carbonyloxy-1-4C alkyl, phenyl carbonyloxy-1-4C alkyl, 1-4C cyanoalkyl, etc.) is blended with water and a hydrophilic organic solvent (e.g. glycerol) and an anionic surfactant (e.g. naphthalenesulfonic acid salt-formalin condensate) and/or an anionic surfactant (e.g. ethylene oxide-propylene oxide block copolymer) to provide the objective ink composition.

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